

WHAT IS CLAIMED IS:

1. An optical device package comprising:
  - a substrate having mounted on its one side optical devices and having formed in said one side positioning parts for defining the positions of optical
  - 5 axes of said optical devices;
  - a case with said substrate housed therein;
  - an optical connector ferrule mounted in said case;
  - flexible optical waveguides held at one end in optical fiber receiving holes made in said optical connector ferrule and having the other ends extended
  - 10 into said case and positioned in said positioning parts to provide optical coupling between said flexible optical waveguides and said optical devices; and
  - a ferrule coupler provided on the end face of said optical connector ferrule externally of said case, for optically coupling optical fibers held in another optical connector ferrule to said flexible optical waveguides.
- 15 2. The optical device package of claim 1, wherein said substrate is a semiconductor substrate and said positioning parts are V grooves cut in said semiconductor substrate in parallel to the optical axes of said optical devices.
3. The optical device package of claim 1, wherein said flexible optical waveguides are each formed by a graded index optical fiber that focuses light
- 20 emitted therefrom.
4. The optical device package of claim 1, wherein said flexible optical waveguides are each formed by a TEC optical fiber that focuses light emitted therefrom.
5. The optical device package of claim 1, wherein said ferrule coupler
- 25 comprises pins projecting from one of said optical connector ferrules and pin receiving holes made in the other optical connector ferrule.
6. The optical device package of claim 1, wherein misalignments

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between the optical axes of said optical devices and the axes of said optical fiber receiving holes of said optical connector ferrule and their misorientations are accommodated by deforming said flexible optical waveguides.

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